

02/22/02  
J1000 U.S. PTO

PATENT  
Docket No. 5000-4999

jc979 U.S. PTO  
10/081541  
02/22/02

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Kitaru IWATA, Hiroshi FUKASAKU, Hirohito HAYASHI, Izuru SHIMIZU, and Naoya YOKOMACHI

Serial No : TBA

Filed : February 22, 2002

For : ELECTROMAGNETIC ACTUATOR AND METHOD FOR MANUFACTURING ELECTROMAGNETIC ACTUATOR, AND CONTROL VALVE FOR VARIABLE DISPLACEMENT COMPRESSOR USING ELECTROMAGNETIC ACTUATOR

BOX: PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

**EXPRESS MAIL CERTIFICATE**

Express Mail Label No. EV062742025US  
Date of Deposit February 22, 2002

I hereby certify that the following attached paper(s) and/or fee  
New U.S. Patent Application for:

**ELECTROMAGNETIC ACTUATOR AND METHOD FOR MANUFACTURING ELECTROMAGNETIC ACTUATOR, AND CONTROL VALVE FOR VARIABLE DISPLACEMENT COMPRESSOR USING ELECTROMAGNETIC ACTUATOR**

- a. 22 pages of specification
  - b. 1 page of Abstract
  - c. 6 pages of claims
  - d. 5 sheets of formal drawings (labeled)
  - e. Application Fee Transmittal (in duplicate)
  - f. Executed Declaration and Power of Attorney
1. Check for \$ 926.00 for filing fee
  2. Check for \$ 40.00 for recording of Assignment
  3. Executed Assignment together with Assignment Cover Sheet
  4. Claim to Convention Priority
  5. Certified Priority Document Application No: 2001-054456
  6. Information Disclosure Statement
  7. Form PTO-1449 with copies of the cited references
  8. Return receipt postcard

is/are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner for Patents, Box: Patent Application - FEE, Washington, D.C. 20231.

JESUS RAUL REMEMDIOS

Typed or printed name of person  
mailing paper(s) and/or fee)

(Signature of person mailing paper(s) and/or fee)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**UTILITY APPLICATION AND APPLICATION FEE TRANSMITTAL (1.53(b))**

Applicant(s) : Kitaru IWATA, Hiroshi FUKASAKU, Hirohito HAYASHI, Izuru SHIMIZU, and Naoya YOKOMACHI

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Box Patent Application  
COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

Named Inventor(s) and Address(es): Kitaru IWATA, Hiroshi FUKASAKU, Hirohito HAYASHI, Izuru SHIMIZU, and Naoya YOKOMACHI

all c/o: KABUSHIKI KAISHA TOYOTA JIDOSHOKKI

2-1, Toyoda-cho, Kariya-shi, Aichi-ken, Japan

For: **ELECTROMAGNETIC ACTUATOR AND METHOD FOR MANUFACTURING ELECTROMAGNETIC ACTUATOR, AND CONTROL VALVE FOR VARIABLE DISPLACEMENT COMPRESSOR USING ELECTROMAGNETIC ACTUATOR**

Enclosed are:

[X] 22 page(s) of specification, 1 page(s) of Abstract, 6 page(s) of claims

[X] 5 sheets of drawing [X] formal [ ] informal

[X] 5 page(s) of Declaration and Power of Attorney

[ ] Unsigned

[X] Newly Executed

[ ] Copy from prior application

- 2 -

- ☐ No Petition For Extension of Time and Fee therefor are necessary in the co-pending parent application.
- ☐ Please abandon the parent application at a time while the parent application is pending or at a time when the petition for extension of time in that application is granted and while this application is pending has been granted a filing date, so as to make this application co-pending.
- ☐ Transfer the drawing(s) from the patent application to this application.
- ☐ Amend the specification by inserting before the first line the sentence:  
This is a ☐ continuation ☐ divisional ☐ continuation-in-part of co-pending application Serial No. \_\_\_\_\_  
\_\_\_\_\_ filed \_\_\_\_\_.

## I. CALCULATION OF APPLICATION FEE (For Other Than A Small Entity)

|                           | Number Filed                           |       | Number Extra     | Rate       | Basic Fee<br>\$ 740.00 |
|---------------------------|--|-------|------------------|------------|------------------------|
| Total Claims              | 21                                     | -20 = | 1                | x \$ 18.00 | \$ 18.00               |
| Independent Claims        | 5                                      | - 3 = | 2                | x \$ 84.00 | \$ 168.00              |
| Multiple Dependent Claims |  |       | Additional Fee = |            |                        |
|                           | <input type="checkbox"/> yes           |       | Add'l Fee =      | \$ 280.00  | \$ 0.00                |
|                           | <input checked="" type="checkbox"/> no |       |                  | NONE       |                        |

Total: \$ 926.00

- ☐ A statement claiming small entity status is attached or has been filed in the above-identified parent application and its benefit under 37 C.F.R. § 1.28(a) is hereby claimed. Reduced fees under 37 C.F.R. § 1.9(F) (50% of total) paid herewith \$ \_\_\_\_\_.
- ☒ A check in the amount of \$ 926.00 in payment of the application filing fees is attached.
- ☒ A check in the amount of \$ 40.00 in payment of the assignment recording fee is attached.
- ☐ Charge Fee(s) to Deposit Account No. 13-4500. Order No. \_\_\_\_\_. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
- ☒ The Assistant Commissioner is hereby authorized to charge any additional fees which may be required for filing this application, or credit any overpayment to Deposit Account No. 13-4500, Order No. 5000-4999. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,


Kurt E. Richter  
Registration No. 24,052Dated: February 22, 2002

## CORRESPONDENCE ADDRESS:

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**CLAIM TO CONVENTION PRIORITY**

Box Patent Application - FEE  
COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

#3  
Priority  
Citation  
7-1502

Sir:

In the matter of the above-identified application and under the provisions of 35 U.S.C. §119 and 37 C.F.R. §1.55 applicant(s) claim(s) the benefit of the following prior application:

|                      |   |                                    |
|----------------------|---|------------------------------------|
| Application filed in | : | JAPAN                              |
| In the name of       | : | KABUSHIKI KAISHA TOYOTA JIDOSHOKKI |
| Serial No.           | : | 2001-054456                        |
| Filing Date          | : | February 28, 2001                  |

[X] Pursuant to the Claim to Priority, applicants submit a duly certified copy of Japanese Serial No. 2001-054456.

Respectfully submitted,

Kurt E. Richter  
Registration No. 24,052

Date: February 22, 2002

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